

ABSTRACT

In a mobile station apparatus, the radio channel control section decides the type of communication based on the content of a control signal demodulated by the
5 voice modulation/demodulation section and high-speed data modulation/demodulation section or how an external apparatus, which is not shown, is connected to the input/output terminal. Then, the radio channel control section controls the changeover switch so that the voice
10 modulation/demodulation section performs modulation/demodulation processing when a voice communication is carried out and the high-speed data modulation/demodulation section performs modulation/demodulation processing when high-speed data
15 communication is carried out. This control allows the mobile station apparatus to carry out communication using a radio channel for voice communication when a voice communication is carried out and using a radio channel for high-speed data communication when a
20 high-speed data communication is carried out.